

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A SOFT METAL CONDUCTOR AND METHOD OF MAKING
the specification of which (check one)

X is attached hereto.

_____ was filed on _____ as United States Application Number
or PCT International Application Number _____
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes ____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes ____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____ Yes ____ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schecter (Reg. 31,722), Terry J. Ilardi (Reg. 29,936), Christopher A. Hughes (Reg. 26,914), Edward A. Pennington (Reg. 32,588), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), and Robert P. Tassinari, Jr. (Reg. 36,030)

Send Correspondence to: Robert P. Tassinari, Jr., IBM Corp. Intellectual Property Law Dept. P.O. Box 218,
Yorktown Heights, New York 10598

Direct Telephone Calls to: (name and telephone number) Robert P. Tassinari, Jr. (914) 945-3158

RAJIV VASANT JOSHI

Full name of sole or first inventor

Rajiv Vasant Joshi
Inventor's Signature

7/9/98
Date

1418 Pine Brook Court, Yorktown Heights, New York 10598
Residence

India
Citizenship

Same as above
Post Office Address

1005445-01800

Assignment

INVENTOR
AND CITY

Whereas I, Rajiv V. Joshi of Yorktown Heights
County of Westchester and State of New York

TITLE

have invented certain improvements in
A SOFT METAL CONDUCTOR AND METHOD OF MAKING

DATE
DECLARATION
SIGNED

and executed a United States patent application therefor on
July 9, 1998;

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

RECEIVED FOR THE SECRETARY OF THE U.S. DEPARTMENT OF COMMERCE

CITY AND
DATE

Signed and sealed at Yorktown Heights on July 9, 1998

Rajiv V. Joshi SIGNATURE
(Rajiv V. Joshi) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York) ss.:
County of Westchester)

INVENTOR

On this 9th day of July 1998, before me personally came Rajiv V. Joshi to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

EMILY S. FORBES
Notary Public, State of New York
No. 01FO4935185
Qualified in Westchester County
Commission Expires July 25, 1999

Emily S. Forbes
Notary

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Rajiv V. Joshi

: Date: July 8, 1998

Serial No.:

: Group Art Unit:

Filed: Herewith

: Examiner:

For: A SOFT METAL CONDUCTOR
AND METHOD OF MAKING

: Docket No. YO994-172AX

Assistant Commissioner of Patents
Washington, D.C. 20231

APPOINTMENT OF ASSOCIATE ATTORNEY

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

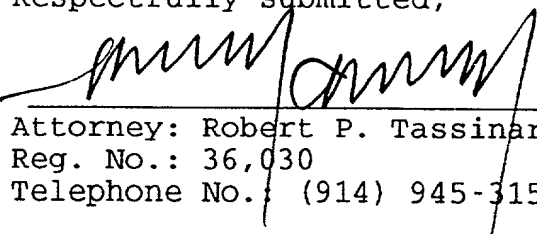
The undersigned attorney, who has been appointed as an attorney in the Combined Declaration and Power of Attorney for the above-identified application, hereby appoints Randy W. Tung (Reg. No. 31,311) of Tung & Associates, 838 West Long Lake Road, Suite 120, Bloomfield Mills, Michigan 48302, (telephone number (248) 540-4040) his associate attorney to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all official communications to:

Randy W. Tung, Esq.
Tung & Associates
838 West Long Lake Road
Suite 120
Bloomfield Mills, Michigan 48302

Respectfully submitted,

By:


Attorney: Robert P. Tassinari, Jr.
Reg. No.: 36,030
Telephone No.: (914) 945-3158

Docket No.: YO994-172AX
IBM Corporation
Intellectual Property Law Department
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